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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known	
Application Number	10/608,723-Conf. #6915
Filing Date	June 26, 2003
First Named Inventor	Andrew R. Marks
Art Unit	1646
Examiner Name	R. Li
Attorney Docket Number	0019240.00594US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	BA					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
/R.../	CA	Wang, ZG et al., "Effects of Flecainide and Quinidine on Human Atrial Action Potentials. Role of rate-dependence and comparison with guinea pig, rabbit, and dog tissues," Circulation, Journal of the American Heart Association, Vol. 82, pp. 274-283. 1990	

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[1]Applicant's unique citation designation number (optional). [2]Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Ruixiang Li/	Date Considered	10/19/2007

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U.S. PATENT DOCUMENTS

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/R.L./	AA*	US-4,567,254	01-28-1986	Kataoka et al.	
	AB*	US-4,658,055	04-14-1987	Onuki et al.	
	AC*	US-4,723,012	02-02-1988	Matsumoto et al.	
	AD*	US-4,841,055	06-20-1989	Matsumoto et al.	
	AE*	US-4,845,065	07-04-1989	Sugimori et al.	
	AF*	US-4,849,535	07-18-1989	Naora et al.	
	AG*	US-4,888,418	12-19-1989	Kawai et al.	
	AH*	US-5,142,647	08-25-1992	Nakagawa et al.	
	AI*	US-5,153,184	10-06-1992	Reifschneider et al.	
	AJ*	US-5,166,347	11-24-1992	Izawa et al.	
	AK*	US-5,179,125	01-12-1993	Mimura et al.	
	AL*	US-5,204,462	04-20-1993	Kobayashi et al.	
	AM*	US-5,210,266	05-11-1993	Mimura et al.	
	AN*	US-5,214,056	05-25-1993	Haruta et al.	
	AO*	US-5,223,508	06-29-1993	Izawa et al.	
	AP*	US-5,260,286	11-09-1993	Lawson et al.	
	AQ*	US-5,272,164	12-21-1993	Izawa et al.	
	AR*	US-5,304,380	04-19-1994	Miyajima et al.	
	AS*	US-5,304,558	04-19-1994	Kaneko et al.	
	AT*	US-5,332,734	07-26-1994	Kobayashi et al.	
	AU*	US-5,354,758	10-11-1994	Lawson et al.	
	AV*	US-5,387,684	02-07-1995	Inoue et al.	
	AW*	US-5,413,929	05-09-1995	Ishizaki et al.	
	AX*	US-5,453,282	09-26-1995	Kanauchi et al.	
	AY*	US-5,457,182	10-10-1995	Wiederrecht et al.	
	AZ*	US-5,476,780	12-19-1995	Watanabe et al.	
	AA1*	US-5,478,832	12-26-1995	Inoue et al.	
	AB1*	US-5,508,293	04-16-1996	Okawara et al.	
	AC1*	US-5,523,410	06-04-1996	Kagara et al.	
	AD1*	US-5,593,988	01-14-1997	Tahara et al.	
	AE1*	US-5,624,961	04-29-1997	Ban et al.	
	AF1*	US-5,654,001	08-05-1997	Kanauchi et al.	
	AG1*	US-5,665,881	09-09-1997	Inoue et al.	
	AH1*	US-5,719,155	02-17-1998	Cho et al.	
	AI1*	US-5,750,696	05-12-1998	Shibata et al.	
	AJ1*	US-5,753,649	05-19-1998	Tahara et al.	
	AK1*	US-5,767,247	06-16-1998	Kaneko et al.	
	AL1*	US-5,780,441	07-14-1998	Higa et al.	
	AM1*	US-5,792,655	08-11-1998	Watanabe et al.	
	AN1*	US-5,807,850	09-15-1998	Nakamura et al.	
	AO1*	US-5,824,862	10-20-1998	Hiyoshi et al.	
	AP1*	US-5,906,819	05-25-1999	Kaibuchi et al.	
	AQ1*	US-6,013,499	01-11-2000	Narumiya et al.	
	AR1*	US-6,111,072	08-29-2000	Narumiya et al.	
/R.L./	AS1*	US-6,130,060	10-10-2000	Nakamura, deceased et al.	

Examiner Signature	/Ruixiang Li/	Date Considered	10/19/2007

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Sheet 2 of 9

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Application Number	10/608,723-Conf. #6915
Filing Date	June 26, 2003
First Named Inventor	Andrew R. MARKS
Art Unit	1646
Examiner Name	R. Li
Attorney Docket Number	0019240.00594US1

/R	AT1*	US-6,184,352	02-06-2001	Nakamura et al.		
	AU1*	US-6,235,730	05-22-2001	Sato et al.		
	AV1*	US-6,255,472	07-03-2001	Tokino et al.		
	AW1*	US-6,271,353	08-07-2001	Nakamura et al.		
	AX1*	US-6,313,113	11-06-2001	Lohray et al.		
	AY1*	US-6,316,485	11-13-2001	Nakamura et al.		
	AZ1*	US-6,338,955-A1	01-15-2002	Oguri et al.		
	AA2*	US-6,348,334	02-19-2002	Nagata et al.		
	AB2*	US-6,362,231	03-26-2002	Sakai et al.		
	AC2*	US-2002/0042405-A1	04-11-2002	Schuh		
	AD2*	US-20020052358-A1	05-02-2002	Chubinskaya et al.		
	AE2*	US-6,391,595	05-21-2002	Kato et al.		
	AF2*	US-6,403,830-A1	06-11-2002	Webber et al.		
	AG2*	US-6,410,561	06-25-2002	Shinkai et al.		
	AH2*	US-6,426,365	07-30-2002	Shinkai et al.		
	AI2*	US-20020107406-A1	08-08-2002	Sakai et al.		
	AJ2*	US-20020115831-A1	08-22-2002	Tamatani et al.		
	AK2*	US-20020132001-A1	09-19-2002	Garthwaite et al.		
	AL2*	US-6,465,518-A1	10-15-2002	Hansen, Jr. et al.		
	AM2*	US-6,465,686-A1	10-15-2002	Grapperhaus et al.		
	AN2*	US-20020151685-A1	10-17-2002	Tamatani et al.		
	AO2*	US-20020156242-A1	10-24-2002	Tamatani et al.		
	AP2*	US-6,495,544-A1	12-17-2002	Hansen, Jr. et al.		
	AQ2*	US-20020199213-A1	12-26-2002	Tomizuka et al.		
	AR2*	US-6,500,816	12-31-2002	Ekimoto et al.		
	AS2*	US-20030044845-A1	03-06-2003	Jenkins et al.		
	AT2*	US-20030055027-A1	03-20-2003	Schun		
	AU2*	US-20030055087-A1	03-20-2003	Shinkai et al.		
	AV2*	US-20030064406-A1	04-03-2003	Kaneko et al.		
	AW2*	US-6,545,170-A1	04-08-2003	Pitzele et al.		
	AX2*	US-20030083472-A1	05-01-2003	Tamatani et al.		
	AY2*	US-20030087907-A1	05-08-2003	Kubo et al.		
	AZ2*	US-20030092708-A1	05-15-2003	Shinkai et al.		
	AA3*	US-6,562,618	05-13-2003	Tamatani et al.		
	AB3*	US-6,562,828	05-13-2003	Katoh et al.		
	AC3*	US-6,583,157-A1	06-24-2003	McGee et al.		
	AD3*	US-6,586,474-A1	07-01-2003	Webber et al.		
	AE3*	US-20030124637-A1	07-03-2003	Kaneko et al.		
	AF3*	US-20030144526-A1	07-31-2003	Sakai et al.		
	AG3*	US-20030176485-A1	09-18-2003	Sakai et al.		
	AH3*	US-20030181764-A1	09-25-2003	Ikawa et al.		
	AI3*	US-20030186885-A1	10-02-2003	Tandon et al.		
	AJ3*	US-20030191323-A1	10-09-2003	Ikawa et al.		
	AK3*	US-6,632,976	10-14-2003	Tomizuka et al.		
	AL3*	US-20030195218-A1	10-16-2003	Koeller et al.		
/R.L./	AM3*	US-20030199482-A1	10-23-2003	Seibert et al.		
/R.L./	AN3*	US-20030199701-A1	10-23-2003	Webber et al.		

Examiner Signature	/Ruixiang Li/	Date Considered	10/19/2007

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Filing Date	June 26, 2003
First Named Inventor	Andrew R. MARKS
Art Unit	1646
Examiner Name	R. Li
Attorney Docket Number	0019240.00594US1

/R.L	AO3*	US-20030220310-A1	11-27-2003	Schuh		
	AP3*	US-20030220312-A1	11-27-2003	Schuh		
	AQ3*	US-6,660,837	12-09-2003	Kaibuchi et al.		
	AR3*	US-20030232855-A1	12-18-2003	Iwamura et al.		
	AS3*	US-6,649,366-A1	11-18-2003	Chubinskaya et al.		
	AT3*	US-20040006099-A1	01-08-2004	Katoh et al.		
	AU3*	US-20040017409-A1	01-29-2004	Mizutani et al.		
	AV3*	US-6,673,904-A1	01-06-2004	Nishikawa et al.		
	AW3*	US-6,683,083	01-27-2004	Kaneko et al.		
	AX3*	US-20040053919-A1	03-18-2004	Chubinskaya et al.		
	AY3*	US-20040073012-A1	04-15-2004	Tamatani et al.		
	AZ3*	US-20040073957-A1	04-15-2004	Tomizuka et al.		
	AA4*	US-6,750,255-A1	06-15-2004	Sakai et al.		
	AB4*	US-6,753,346-A1	06-22-2004	Shinkai et al.		
	AC4*	US-20040120945-A1	06-24-2004	Tamatani et al.		
	AD4*	US-6,756,406-A1	06-29-2004	Durley et al.		
	AE4*	US-20040132658-A1	07-08-2004	Tamatani et al.		
	AF4*	US-20040132727-A1	07-08-2004	Sakai et al.		
	AG4*	US-20040146506-A1	07-29-2004	Tamatani et al.		
	AH4*	US-20040146991-A1	07-29-2004	Tsuji et al.		
	AI4*	US-20040151669-A1	08-05-2004	Tamatani et al.		
	AJ4*	US-20040151718-A1	08-05-2004	Tamatani et al.		
	AK4*	US-20040151720-A1	08-05-2004	Tamatani et al.		
	AL4*	US-20040171613-A1	09-02-2004	Iwamura et al.		
	AM4*	US-6,787,668-A1	09-07-2004	Pitzele et al.		
	AN4*	US-20040175814-A1	09-09-2004	Kato et al.		
	AO4*	US-20040180052-A1	09-16-2004	Tsuji et al.		
	AP4*	US-20040186178-A1	09-23-2004	Webber et al.		
	AQ4*	US-20040192584-A1	09-30-2004	McMahon et al.		
	AR4*	US-20040198719-A1	10-07-2004	Laborde et al.		
	AS4*	US-6,803,039-A1	10-12-2004	Tsuji et al.		
	AT4*	US-20040209871-A1	10-21-2004	Fox et al.		
	AU4*	US-6,812,252-A1	11-02-2004	Ikawa et al.		
	AV4*	US-20040220193-A1	11-04-2004	Yamamoto et al.		
	AW4*	US-20040225018-A1	11-11-2004	Sunami et al.		
	AX4*	US-20040229788-A1	11-18-2004	Tamatani et al.		
	AY4*	US-20040229790-A1	11-18-2004	Tezuka et al.		
	AZ4*	US-20040229803-A1	11-18-2004	Stephenson et al.		
	AA5*	US-20040229876-A1	11-18-2004	Kubo et al.		
	AB5*	US-20040229957-A1	11-18-2004	Shinkai et al.		
	AC5*	US-6,821,987-A1	11-23-2004	Kubo et al.		
	AD5*	US-20040235162-A1	11-25-2004	Sato		
	AE5*	US-6,824,973-A1	11-30-2004	Tang et al.		
	AF5*	US-20040242683-A1	12-02-2004	Urata et al.		
	AG5*	US-6,828,456-A1	12-07-2004	Hansen, Jr. et al.		
	AH5*	US-6,830,896-A1	12-14-2004	Kaneko et al.		
/R.L	AI5*	US-20050009733-A1	01-13-2005	Stephenson et al.		

Examiner Signature	/Ruixiang Li/	Date Considered	10/19/2007

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Attorney Docket Number	0019240.00594US1

/R.L/	AJ5*	US-20050020668-A1	01-27-2005	Urata et al.	
	AK5*	US-6,852,753-A1	02-08-2005	Koeller et al.	
	AL5*	US-20050032210-A1	02-10-2005	Sato et al.	
	AM5*	US-20050035939-A1	02-17-2005	Akiyama	
	AN5*	US-20050051181-A1	03-10-2005	Okamoto	
	AO5*	US-20050059655-A1	03-17-2005	Garvey et al.	
	AP5*	US-20050059810-A1	03-17-2005	Maeda et al.	
	AQ5*	US-6,869,975-A1	03-22-2005	Abe et al.	
	AR5*	US-20050070543-A1	03-31-2005	Stephenson	
	AS5*	US-20050070545-A1	03-31-2005	Fox et al.	
	AT5*	US-20050074762-A1	04-07-2005	Nakamura et al.	
	AU5*	US-6,890,531	05-10-2005	Horie et al.	
	AV5*	US-6,897,295	05-24-2005	Nagata et al.	
	AW5*	US-20050113451-A1	05-26-2005	Hansen et al.	
	AX5*	US-6,906,072	06-14-2005	Yamamoto et al.	
	AY5*	US-6,914,158-A1	07-05-2005	Webber et al.	
	AZ5*	US-20050159365-A1	07-21-2005	Serizawa et al.	
	AA6*	US-20050159403-A1	07-21-2005	Stephenson et al.	
	AB6*	US-20050165106-A1	07-28-2005	Webber et al.	
	AC6*	US-20050171196-A1	08-04-2005	Fujii et al.	
	AD6*	US-20050177884-A1	08-11-2005	Tomizuka et al.	
	AE6*	US-20050187221-A1	08-25-2005	Matsuda et al.	
	AF6*	US-20050192259-A1	09-01-2005	Garthwaite et al.	
	AG6*	US-6,939,895-A1	09-06-2005	Sakai et al.	
	AH6*	US-20050213426-A1	09-29-2005	Midas et al.	
	AI6*	US-6,951,889-A1	10-04-2005	Hansen, Jr. et al.	
	AJ6*	US-6,962,926-A1	11-08-2005	Laborde et al.	
	AK6*	US-6,964,975-A1	11-15-2005	Ueno et al.	
	AL6*	US-20050255546-A1	11-17-2005	Nishikawa	
	AM6*	US-20050256199-A1	11-17-2005	Durley et al.	
	AN6*	US-20050277649-A1	12-15-2005	DeGraffenreid et al.	
	AO6*	US-6,977,252	12-20-2005	Kaneko et al.	
	AP6*	US-20060011375-A1	01-19-2006	Sugimoto et al.	
	AQ6*	US-20060014768-A1	01-19-2006	Kawasaki et al.	
	AR6*	US-20060026698-A1	02-02-2006	Tomizuka et al.	
	AS6*	US-20060030565-A1	02-09-2006	Shinkai et al.	
	AT6*	US-6,998,469-A1	02-14-2006	Tandon et al.	
	AU6*	US-20060035882-A1	02-16-2006	Koga et al.	
	AV6*	US-20060037093-A1	02-16-2006	Tomizuka et al.	
	AW6*	US-20060041945-A1	02-23-2006	Robl et al.	
	AX6*	US-7,005,450-A1	02-28-2006	Durley et al.	
	AY6*	US-20060059575-A1	03-16-2006	Kusunoki et al.	
	AZ6*	US-20060078992-A1	04-13-2006	Misawa et al.	
	AA7*	US-7,029,671	04-18-2006	Koezuka et al.	
	AB7*	US-7,030,225	04-18-2006	Tamatani et al.	
	AC7*	US-20060084658-A1	04-20-2006	Yamamoto et al.	
/R.L/	AD7*	US-7,041,870-A1	05-09-2006	Tomizuka et al.	

Examiner Signature	/Ruixiang Li/	Date Considered	10/19/2007

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Attorney Docket Number	0019240.00594US1

/R	AE7*	US-7,045,615-A1	05-16-2006	Tamatani et al.		
	AF7*	US-20060122181-A1	06-08-2006	Ikemoto et al.		
	AG7*	US-20060123490-A1	06-08-2006	Kakitani et al.		
	AH7*	US-7,064,194-A1	06-20-2006	Misawa et al.		
	AI7*	US-20060135506-A1	06-22-2006	Stephenson et al.		
	AJ7*	US-20060167043-A1	07-27-2006	Iwakubo et al.		
	AK7*	US-20060185025-A1	08-17-2006	Oshimura et al.		
	AL7*	US-20060189603-A1	08-24-2006	Garvey et al.		
	AM7*	US-7,102,013-A1	09-05-2006	Webber et al.		
	AN7*	US-20060205731-A1	09-14-2006	Kodama et al.		
	AO7*	US-20060211717-A1	09-21-2006	Sakai et al.		
	AP7*	US-7,112,655	09-26-2006	Tamatani et al.		
	AQ7*	US-20060217426-A1	09-28-2006	Eto et al.		
	AR7*	US-20060223133-A1	10-05-2006	Tamatani et al.		
	AS7*	US-20060233902-A1	10-19-2006	Yajima et al.		
	AT7*	US-7,135,466-A1	11-14-2006	Sakai et al.		
	AU7*	US-20060258701-A1	11-16-2006	Mitsuya et al.		
	AV7*	US-20060270705-A1	11-30-2006	Yonemori et al.		
	AW7*	US-20070010571-A1	01-11-2007	Garvey et al.		
	AX7*	US-20070010670-A1	01-11-2007	Hirata et al.		
/R.L./	AY7*	US-7,163,952-A1	01-16-2007	Inaba et al.		

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/R.L./	BA	EP-0467325	01-22-1992	Syntex (USA) Inc.		
/R.L./	BB	WO-98/45291	10-15-1998	Dr. Reddy's Research Foundation		
/R.L./	BC	WO-99/16758	04-08-1999	Dr. Reddy's Research Foundation		
/R.L./	BD	WO-05/105793	11-10-2005	Aetas Pharma Co. Ltd		
/R.L./	BE	EP-1743895	01-17-2007	Aetas Pharma Col., Ltd.		

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
/R.L./	CA	Ackerman, MJ, "Cardiac channelopathies: it's in the genes," Nat. Med., Vol. 10, pp. 463-4 (2004)	
/R.L./	CB	Bangur, et al., "Mutational analysis of the D1/E1 core helices and the conserved N-terminal region of yeast transcription factor IIB (TFIIB): identification of an N-terminal mutant that	

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Sheet 6 of 9

Complete if Known	
Application Number	10/608,723-Conf. #6915
Filing Date	June 26, 2003
First Named Inventor	Andrew R. MARKS
Art Unit	1646
Examiner Name	R. Li
Attorney Docket Number	0019240.00594US1

/R.L./		stabilizes TATA-binding protein-TFIIB-DNA complexes," Mol. Cell Biol., Vol. 17, pp. 6784-93 (1997)	
	CC	Behr, et al., "Cardiological assessment of first-degree relatives in sudden arrhythmic death syndrome," The Lancet, Vol. 362, 1457-59 (2003)	
	CD	Brillantes, et al., "Developmental and tissue-specific regulation of rabbit skeletal and cardiac muscle calcium channels involved in excitation-contraction coupline, " Circ. Res., Vol. 75, pp. 503-10 (1994)	
	CE	Brillantes, et al., "Differences in cardiac calcium release channel (ryanodine receptor) expression in myocardium from patients with end-state heart failure caused by ischemic versus dilated cardiomyopathy," Circ. Res., Vol. 71, pp. 18-26 (1992)	
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	CG	Che, et al., "Reversal of P-glycoprotein mediated multidrug resistance by a newly synthesized 1,4-benzothiazipine derivative, JTV-519," Cancer Lett., Vol. 187, pp. 111-9 (2002)	
	CH	Choi, et al., "Spectrum and frequency of cardiac channel defects in swimming-triggered arrhythmia syndromes," Circulation, Vol. 110, pp. 2119-24 (2004)	
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	CO	Fitzgerald, et al., "Reduced ryanodine receptor content in isolated neonatal cardiomyocytes compared with the intact tissue," J. Mol. Cell, Cardiol., Vol. 26, pp. 1261-5 (1994)	
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	CR	Ikemoto, et al., "Regulation of calcium release by interdomain interaction within ryanodine receptors," Front Biosci., Vol. 7, pp. d671-683 (2002)	
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	CT	Kirsch, et al., "The roles of annexins and types II and X collagen in matrix vesicle-mediated mineralization of growth plate cartilage," J. Biol. Chem., Vol. 275, pp. 35577-83 (2000)	
	CU	Kobrinsky, et al., "Expressed ryanodine receptor can substitute for the inositol 1,4,5-trisphosphate receptor in Xenopus laevis oocytes during progesterone-induced maturation," Dev. Biol., Vol. 172, pp. 531-40 (1995)	
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Application Number	10/608,723-Conf. #6915
Filing Date	June 26, 2003
First Named Inventor	Andrew R. MARKS
Art Unit	1646
Examiner Name	R. Li
Attorney Docket Number	0019240.00594US1

/R.L./		Chem., Vol. 3, pp. 1383-91 (2003)
	CY	Lesh, et al., "Anti-ryanodine receptor antibody binding sites in vascular and endocardial endothelium," Cir., Res., Vol. 72, pp. 481-8 (1993)
	CZ	Manzur, et al., "A severe clinical and pathological variant of central core disease with possible autosomal recessive inheritance," Neur. Disorders, Vol. 8, pp. 467-473 (1998)
	CA1	Marks, AR, "Arrhythmias of the heart: beyond ion channels," Nat. Medicine, Vol. 9, pp. 263-4, (2003)
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	CH1	Marks, et al., "Surface topography analysis of the ryanodine receptor/junctional channel complex based on proteolysis sensitivity mapping," J. Biol. Chem., Vol. 265, pp. 13143-9 (1990)
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	CJ1	Maron, et al., "Recommendations for physical activity and recreational sports participation for young patients with genetic cardiovascular diseases," Circulation, Vol., 109, pp. 2807-16 (2004)
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Filing Date	June 26, 2003
First Named Inventor	Andrew R. MARKS
Art Unit	1646
Examiner Name	R. Li
Attorney Docket Number	0019240.00594US1

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/R.L./	CT1	Schotten et al., "Electrical and contractile remodeling during the first days of atrial fibrillation go hand in hand," Circulation, Vol. 107, pp. 1433-1439. (2003)
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	CY1	Swan, et al., "Calcium channel antagonism reduces exercise-induced ventricular arrhythmias in catecholaminergic polymorphic ventricular tachycardia patients with RyR2 mutations," J. of Card. Electrophysiology, Vol, 16, No. 2, pp. 162-6, (2005)
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	CB2	Tester, et al., "Compendium of cardiac channel mutations in 541 consecutive unrelated patients referred for long QT syndrome genetic testing," Heart Rhythm. Vol. 2, pp. 507-17 (2005)
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First Named Inventor	Andrew R. MARKS
Art Unit	1646
Examiner Name	R. Li
Attorney Docket Number	0019240.00594US1

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/R.L./	AA*	US-5,866,341	02-02-1999	Spinella et al.	
	AB*	US-20050186640-A1	08-25-2005	Marks et al.	
	AC*	US-20050187386-A1	08-25-2005	Marks et al.	
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/R.L./	BA**	WO-04/080283	09-23-2004	The Trustees of Columbia University in the city of New York		
	BB**	WO-05/002518	01-13-2005	The Trustees of Columbia University in the city of New York		
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	BG**	WO-06/101496	09-28-2006	The Trustees of Columbia University in city of New York		
/R.L./	BH**	WO-07/024717	03-01-2007	The Trustees of Columbia University in the city of New York		

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/R.L./	CA**	Bidasee et al., "Chronic Diabetes Increases Advanced Glycation End Products on Cardiac Ryanodine Receptors/Calcium-Release Channels," Diabetes, Vol 52, pp. 1825-1836	
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(Use as many sheets as necessary)				Examiner Name	R. Li
Sheet	3	of	3	Attorney Docket Number	0019240.00594US1

/R.L./	CT**	Pereira et al., "Mechanisms of [Ca2+]i Transient Decrease in Cardiomyopathy of db/db Type 2 Diabetic Mice," Diabetes, Vol 55, pp. 608-615 (2006)	
	CU**	Shao et al., " Dyssynchronous (non-uniform) Ca2+ release in myocytes from streptozotocin-induced diabetic rats," Journal of Molecular and Cellular Cardiology, Vol 42, pp. 234-246 (2007)	
	CV**	Takasawa et al., " Cyclic ADP-ribose and Inositol 1,4,5-Trisphosphate as Alternate Second Messengers for Intracellular Ca2+ Mobilization in Normal and Diabetic β-Cells," The Journal of Biological Chemistry, Vol 273, pp. 2497-2500 (1998)	
	CW**	Varadi et al., "Dynamic Imaging of Endoplasmic Reticulm Ca2+ Concentration in Insulin-Secreting MIN6 Cells Using Recombinant Target Cameleons. Role of Sarco (endo) plasmic Reticulum Ca2+ -ATPase (SERCA)-2 and Ryanodine Receptors," Diabetes, Vol 51, Suppl. 1, pp. S190-S201 (2002)	
	CX**	Woolcott et al., "Arachidonic acid is a physiological activator of the ryanodine receptor in pancreatic β-cells," Cell Calcium, Vol 39, pp. 529-537 (2006)	
	CY**	Yaras et al., "Restoration of Diabetes-induced abnormal local Ca2+ release in cardiomyocytes by angiotensin II receptor blockade," Am J. Physiol Heart Circ Physiol, Vol 292, pp. H912-H920 (2007)	
	CZ**	Yaras et al., "Effects of Diabetes on Ryanodine Receptor Ca Release Channel (RyR2) and Ca2+ Homeostasis in Rat Heart," Diabetes, Vol 54, pp. 3082-3088 (2005)	
/R.L./	CA1**	Zhang et al., "Growth Hormone Promotes Ca+2-induces Ca2+ Release in Insulin-Secreting Cells by Ryanodine Receptor Tyrosine Phosphorylation," Molecular Endocrinology, Vol 18, pp. 1658-1669 (2004)	

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[1]Applicant's unique citation designation number (optional). [2]Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Ruixiang Li/	Date Considered	10/18/2007

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